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L1          2 S ( MICROARRAYS ARE MANUFACTURED ON A LARGE, SUBSTRATE PLATE OR
WAFER,      WHICH IS SCORED
L2          4 S (MULTIPLE ARRAYS ARE        PRODUCED CONCURRENTLY IT IS CARRIED
OUT IN A TWO DIMENSIONAL )
L3          1 S (ARE SELECTED AS ALIGNMENT SHOTS FROM MULTIPLE SHOT AREAS ON THE
            WAFER)
L4         19 S COMBIMATRIX
L5         29 S DNA (P) MULTIPLE (P) ARRAY (P) WAFER
L6         25 DUP REM L5 (4 DUPLICATES REMOVED)
L7      18539 S ELECTRODE (3A) ARRAY
L8          0 S L7 (P) MULTIPLE (P) (DEVICE OR CHIP) (P) SAME (P) WAFER (P)
(SILICON OR SI)
L9          9 S L7 (P) MULTIPLE (P)  WAFER (P) (SILICON OR SI)
L10         9 DUP REM L9 (0 DUPLICATES REMOVED)
L11         0 S L7 (P) MULTIPLE (P) (DEVICE OR CHIP) (P) SAME (P) WAFER
L12         9 S L7 (P) MULTIPLE (P) (DEVICE OR CHIP)  (P) WAFER
L13         6 S L12 NOT L10
L14         6 DUP REM L13 (0 DUPLICATES REMOVED)
L15        54 S L7 (P) (DICE OR DICING OR DICED) (P) WAFER
L16        53 DUP REM L15 (1 DUPLICATE REMOVED)
L17       794 S L7 AND (CHEMICAL (P) (SENSOR OR SYNTHES?))
L18         1 S L17 AND ( MULTIPLE (P) (DEVICE OR CHIP) (P) SAME (P) WAFER)
L19         6 S L17 AND ( MULTIPLE  (P) SAME (P) WAFER)
L20         5 S L19 NOT L18
L21         5 DUP REM L20 (0 DUPLICATES REMOVED)
L22       475 S SENSOR (P) (DICE OR DICING OR DICED) (P) WAFER
L23       189 S SENSOR (P) (DICE OR DICING OR DICED) (P) WAFER (P) INDIVIDUAL
L24        95 S (INDIVIDUAL (3A) SENSOR) (P)( (DICE OR DICING OR DICED) (P) WAFER)
L25        15 S L7 AND L24
L26        15 DUP REM L25 (0 DUPLICATES REMOVED)
L27         3 S MULTIPLE (P) ELECTRODE (P) ARRAYS (P) DICED (P) WAFER
L28         2 S MULTIPLE (P) ELECTRODE (P) ARRAYS (P) DICING (P) WAFER
L29     18539 S ELECTRODE (3A) ARRAY
L30        24 S L29 (P) (CHEMICAL OR BIOCHEMICAL ) (P) SYNTHESIS
L31        24 DUP REM L30 (0 DUPLICATES REMOVED)
L32         2 S L31 AND (DICE OR DICED OR DICING)
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        (FILE 'HOME' ENTERED AT 09:03:40 ON 01 OCT 2003)

        FILE 'CAPLUS, SCISEARCH, MEDLINE, EMBASE, BIOSIS, USPATFULL' ENTERED AT
09:04:15 ON 01 OCT 2003
L1          156 S ELECTROCHEM? (P) OLIGONUC? (P) (ARRAY OR CHIP)
L2          130 S L1 AND ELECTRODE
L3           51 S L1 AND (ELECTRODE (3A) ARRAY)
L4           46 DUP REM L3 (5 DUPLICATES REMOVED)
L5           10 S L4 AND (SILICON WAFER)
L6           52 S L2 AND (DICE OR DICING OR SEVER?)
L7           31 S L3 AND (DICE OR DICING OR SEVER? OR DICED)
L8            4 S L3 AND (DICE OR DICING OR SEVER OR SEVERING OR SEVERED OR DICED)
L9            4 DUP REM L8 (0 DUPLICATES REMOVED)
L10           4 S L2 AND (DICE OR DICING OR SEVER OR SEVERING OR SEVERED OR DICED)
L11           0 S L10 NOT L8
L12           4 S L1 AND (DICE OR DICING OR SEVER OR SEVERING OR SEVERED OR DICED)
L13           0 S L12 NOT L8
L14          26 S (MULTIPLE (3A) ARRAY) AND L1
L15          24 S (MULTIPLE (3A) ARRAY) AND L2
L16          24 DUP REM L15 (0 DUPLICATES REMOVED)
L17           0 S L16 AND (MULTIPLE (3A) ARRAY (3A) SAME (3A) WAFER)
L18           0 S L1 AND (MULTIPLE (3A) ARRAY (3A) SAME (3A) WAFER)
L19           0 S OLIGONUC? (P) (MULTIPLE (3A) ARRAY (3A) SAME (3A) WAFER)
L20           0 S  (MULTIPLE (3A) ARRAY (3A) SAME (3A) WAFER)

=> fil CAPLUS, SCISEARCH, MEDLINE, EMBASE, BIOSIS, USPATFULL
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